

TOUGH GARD™ SPATTER CLEANER

CONSUMABLES CLEANING STATION
FOR ROBOTIC MIG GUNS



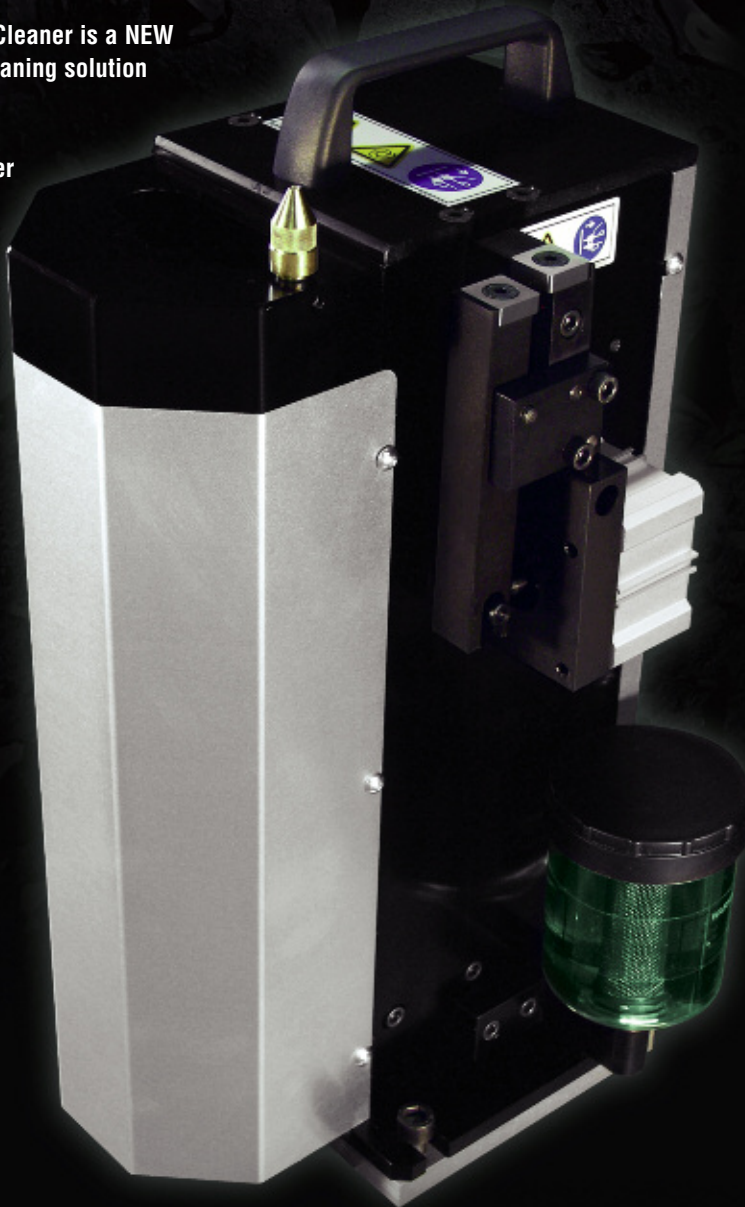
FEATURES AND BENEFITS

GET TOUGH WITH SPATTER BUILD-UP!

The TOUGH GARD Spatter Cleaner is a NEW all-in-one consumables cleaning solution from Tregaskiss.

The factory installed sprayer and wire cutter are standard features making this compact cleaner a great fit for both your weld cell and your budget.

By minimizing spatter accumulation, the TOUGH GARD Spatter Cleaner extends the life of your robotic MIG guns and consumables, resulting in increased uptime and lower operating costs.



SIMPLE SOLUTION

- Hard wired for easy integration with existing robotic or PLC automation controls
- Wire cutter and sprayer are standard
- Four sided v-block is compatible with the majority of Tregaskiss™ Nozzles

IMPROVES PERFORMANCE

- Cutter removes accumulated spatter from nozzle and retaining head
- Sprayer applies a layer of TOUGH GARD Anti-Spatter Liquid which prevents spatter adhesion
- Wire cutter removes ball at end of wire to improve arc starts
- V-block locates the nozzle more accurately than clamping solutions
- Front shroud contains spatter and helps to keep weld cell clean

Tregaskiss™

THE FREEDOM TO INNOVATE

TOUGH GARD SPATTER CLEANER

PART NUMBERS

TOUGH GARD Spatter Cleaner for 5/8" Bore Nozzles	ER1-625W
TOUGH GARD Spatter Cleaner for 1/2" Bore Nozzles	ER1-500W
TOUGH GARD Spatter Cleaner for 3/4" Bore Water-Cooled Nozzles	ER1-TG001W

SPECIFICATIONS

Rated Voltage	24 VDC
Operating Voltage	+/- 10% of rated voltage
Power Consumption	0.45 W per coil – max. wattage in operation 0.9 W
Air Requirements (minimum)	60 psi (4.3 bar) at 6.4 CFM (3 L/s)
Air Motor (at minimum air requirement)	Stall Torque at 60 psi (4.3 bar) = 46 in-lbs (5.2 Nm)
Weight	27 lbs. (12.17 kg)
Footprint Dimensions (LxWxH)	9.75" x 9.75" x 17.5" (248 mm x 248 mm x 445 mm)
Sprayer Included	Yes
Wire Cutter Included	Yes

CONTROLLER I/O REQUIREMENTS

SIGNAL	CONTROLLER SOURCING	CONTROLLER SINKING
Output: signal to Reed switch	24VDC	0VDC
Input: unclamped signal from Reed switch	0 VDC	24 VDC
Output: cleaning cycle signal	24 VDC	0 VDC
Output: sprayer signal	24 VDC	0 VDC
Output: wire cutter signal	24 VDC	0 VDC
Common	0 VDC	24 VDC

ACCESSORIES

TOUGH GARD Anti-Spatter Liquid

When exposed to heat, TOUGH GARD Anti-Spatter creates a sacrificial protective shell around the nozzle. Spatter adheres to the shell and breaks away, leaving consumables clean.

PART NUMBER	DESCRIPTION
TG-101-05	5 U.S. Gal. / 18.92 L Liquid
TG-101-55	55 U.S. Gal. / 208.3 L Liquid
TG-101-01	1 U.S. Gal. / 3.78 L Liquid
TG-101-32SP	25.36 fl. oz. / 750 ml Liquid (Spray Bottle)
TG-101-14S	14 fl. oz. / 414 ml Liquid

TOUGH GARD Multi-Feed System

The TOUGH GARD Multi-Feed System can connect and supply up to 10 cleaning stations with TOUGH GARD Anti-Spatter Liquid. The system eliminates the need to refill anti-spatter sprayer reservoirs on a frequent basis, resulting in lower operating costs, reduced downtime and increased safety.

PART NUMBER	DESCRIPTION
CHOOSE SYSTEM	
TG-103-05-2	For 5 gallon pail (up to 2 Reamers)
TG-103-05-10	For 5 gallon pail (up to 10 Reamers)
TG-103-55-10	For 55 gallon drum (up to 10 Reamers)
CHOOSE HOSE (SOLD SEPARATELY)	
TG-103-50	50' Multi-Feed Hose (UV Rated)
TG-103-100	100' Multi-Feed Hose (UV Rated)
TG-103-200	200' Multi-Feed Hose (UV Rated)
Replacement Parts	See M055 Tech Guide for more information



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Canada & U.S.A. Phone: 1-877-737-3111 Fax: 1-877-737-2111
International Phone: +1-519-737-3000 Fax: +1-519-737-2111

www.tregaskiss.com

Tregaskiss is an industry leader in the development and manufacture of semi-automatic and robotic MIG welding guns and robotic peripherals.

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